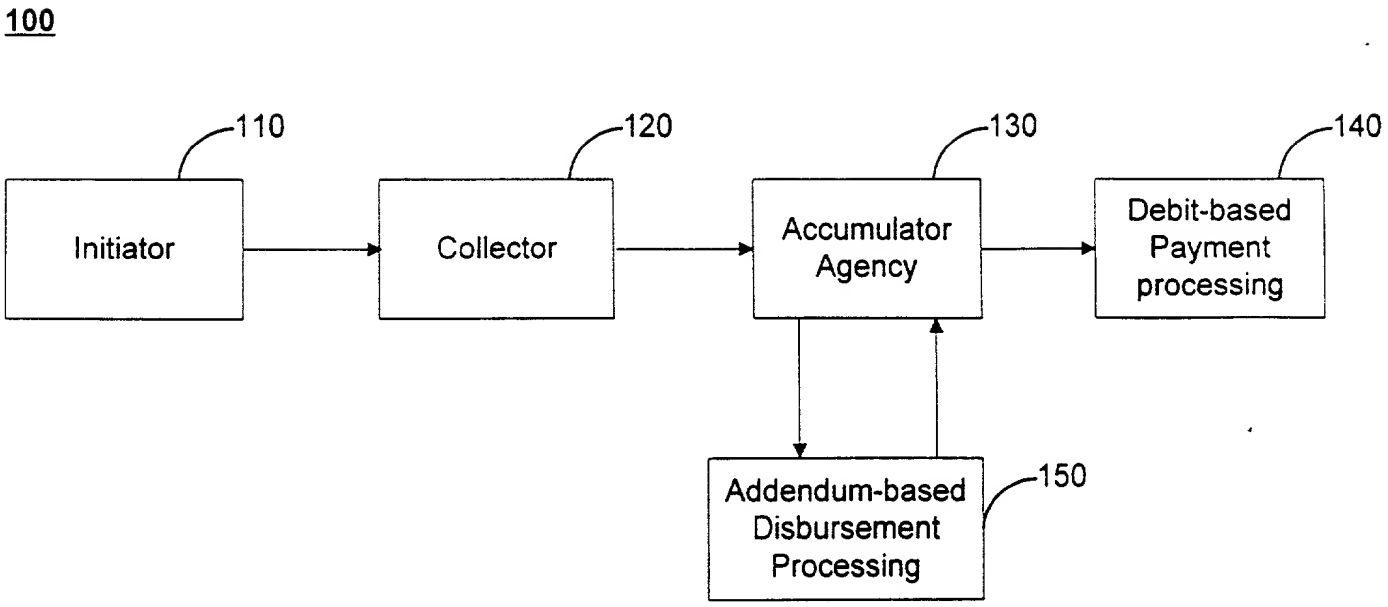
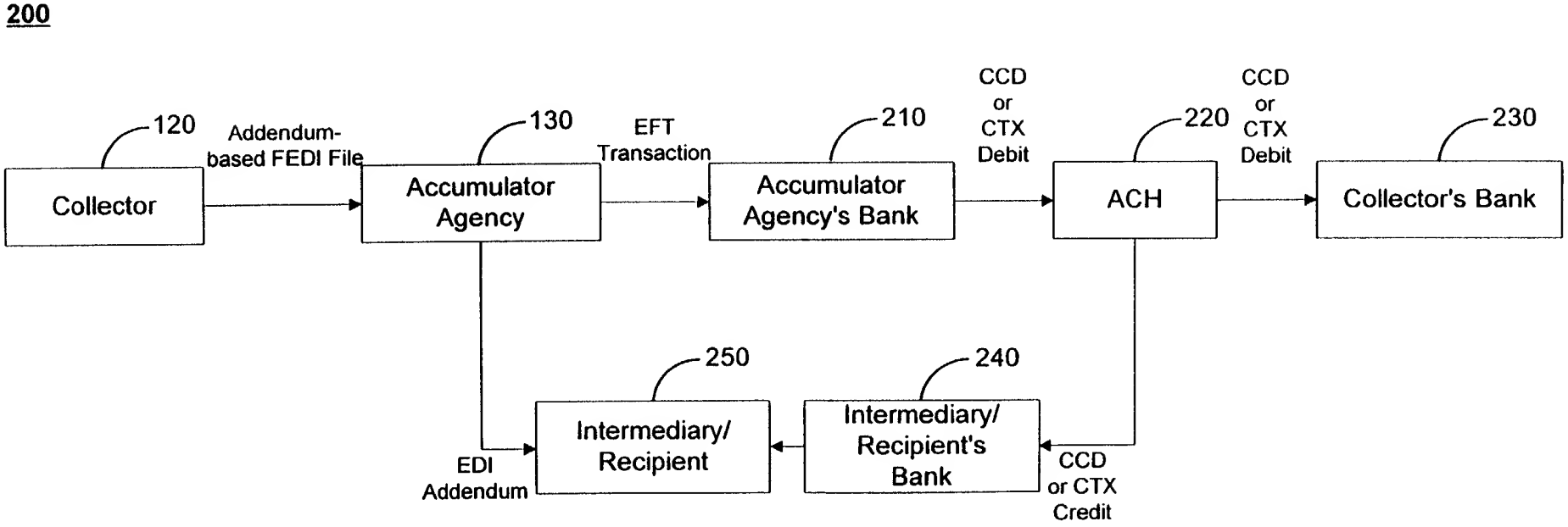
FIGURE 1


100
110
120
130
140
Initiator
Collector
Accumulator Agency
Debit-based Payment processing
Addendum-based Disbursement Processing
150

TO2TOT" Th2S260D

FIGURE 2



TO2TOT" Th2S2680

FIGURE 3

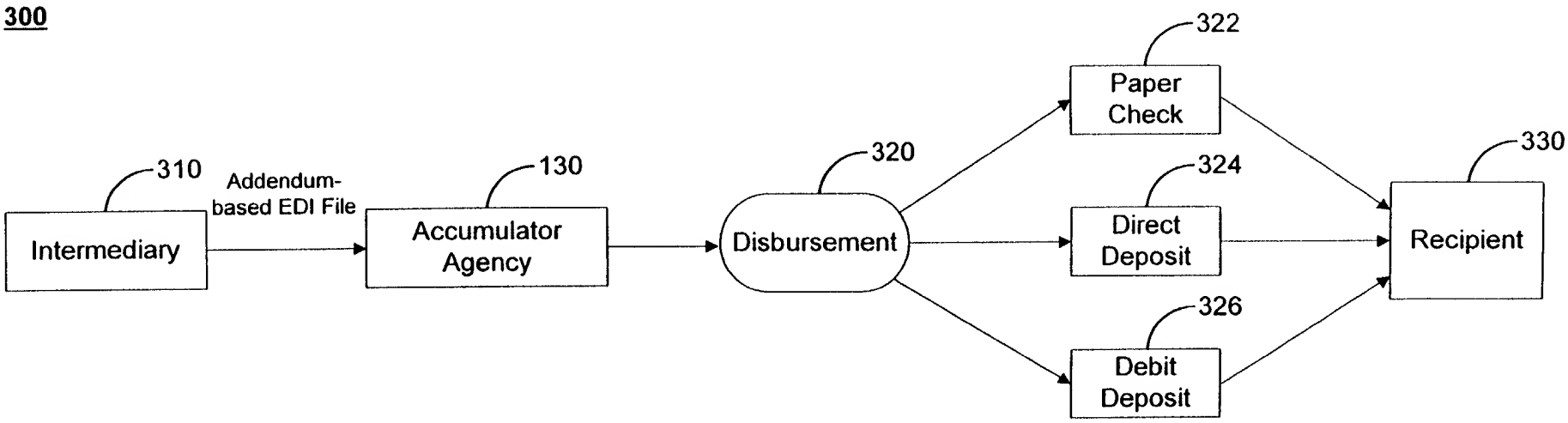


FIGURE 4

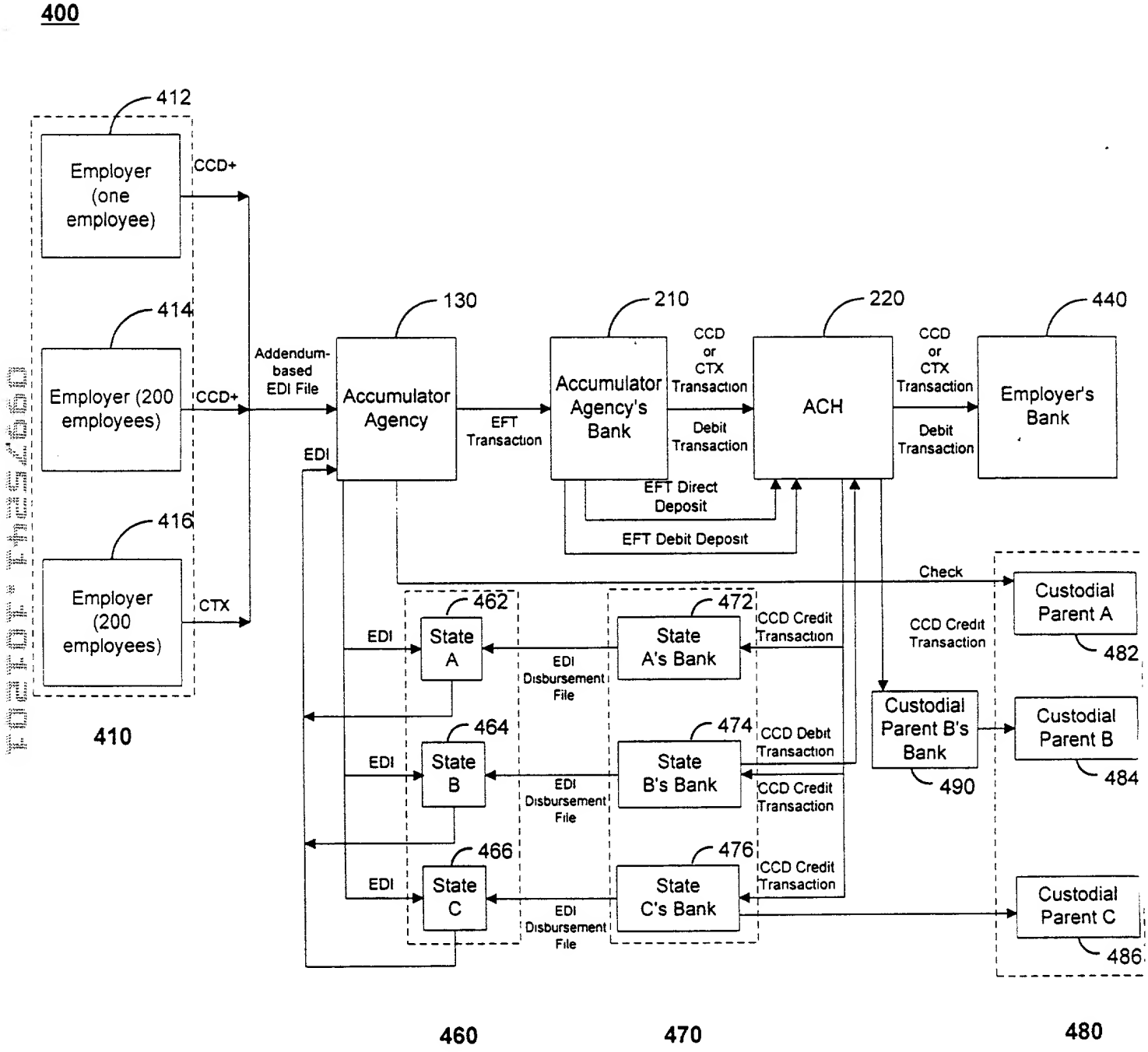

400
412
Employer (one employee)
CCD+
414
Employer (200 employees)
CCD+
416
Employer (200 employees)
CTX
410
Addendum-based EDI File
130
Accumulator Agency
EFT Transaction
210
Accumulator Agency's Bank
CCD or CTX Transaction
Debit Transaction
220
ACH
CCD or CTX Transaction
Debit Transaction
440
Employer's Bank
EFT Direct Deposit
EFT Debit Deposit
EDI
Check
462
State A
472
State A's Bank
CCD Credit Transaction
EDI Disbursement File
464
State B
474
State B's Bank
CCD Debit Transaction
CCD Credit Transaction
466
State C
476
State C's Bank
CCD Credit Transaction
Custodial Parent A
482
Custodial Parent B's Bank
490
Custodial Parent B
484
Custodial Parent C
486
460
470
480

FIGURE 5

120

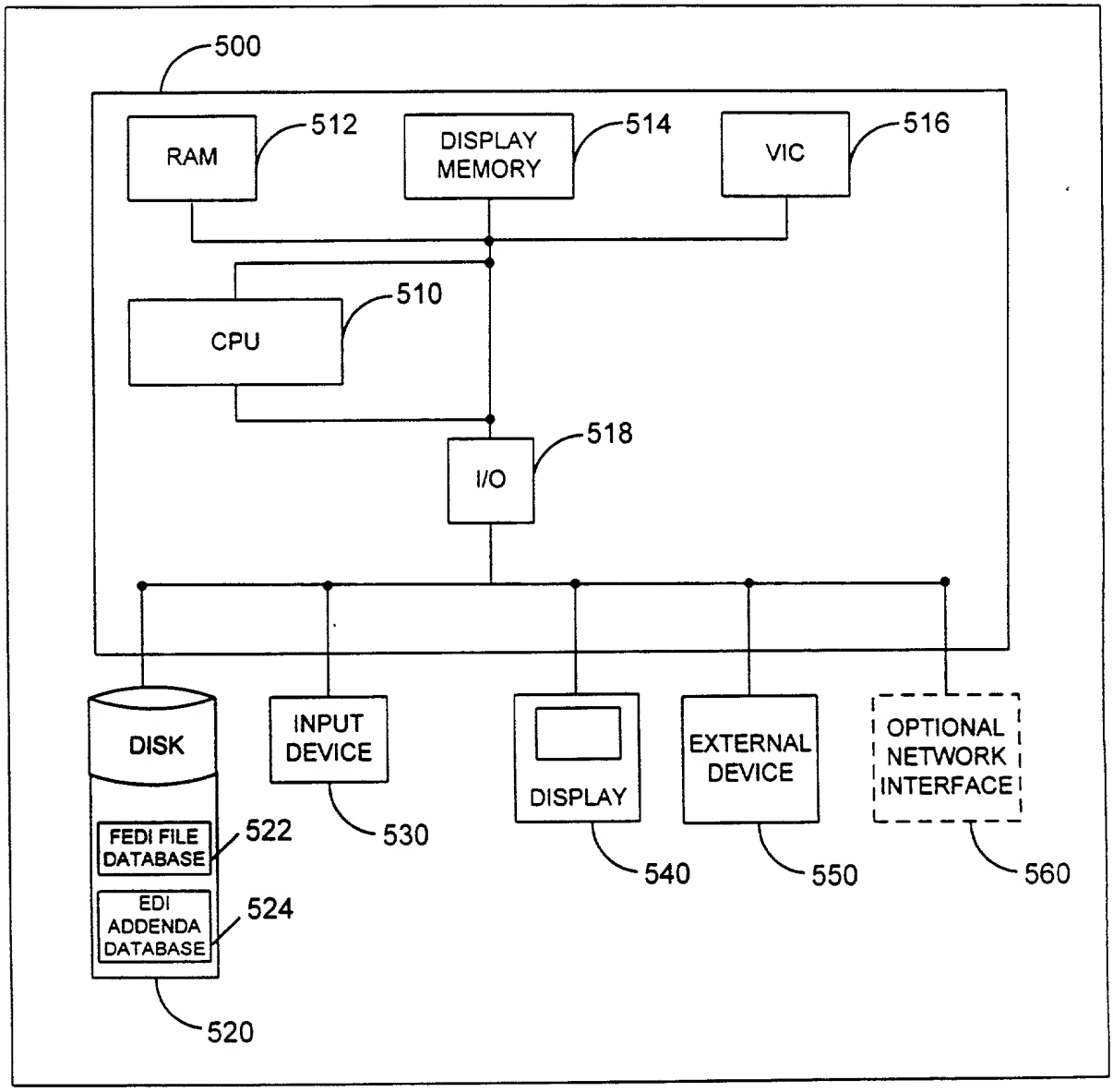

500
RAM
512
DISPLAY MEMORY
514
VIC
516
CPU
510
I/O
518
DISK
INPUT DEVICE
DISPLAY
EXTERNAL DEVICE
OPTIONAL NETWORK INTERFACE
FEDI FILE DATABASE
522
EDI ADDENDA DATABASE
524
520
530
540
550
560

FIGURE 6

130

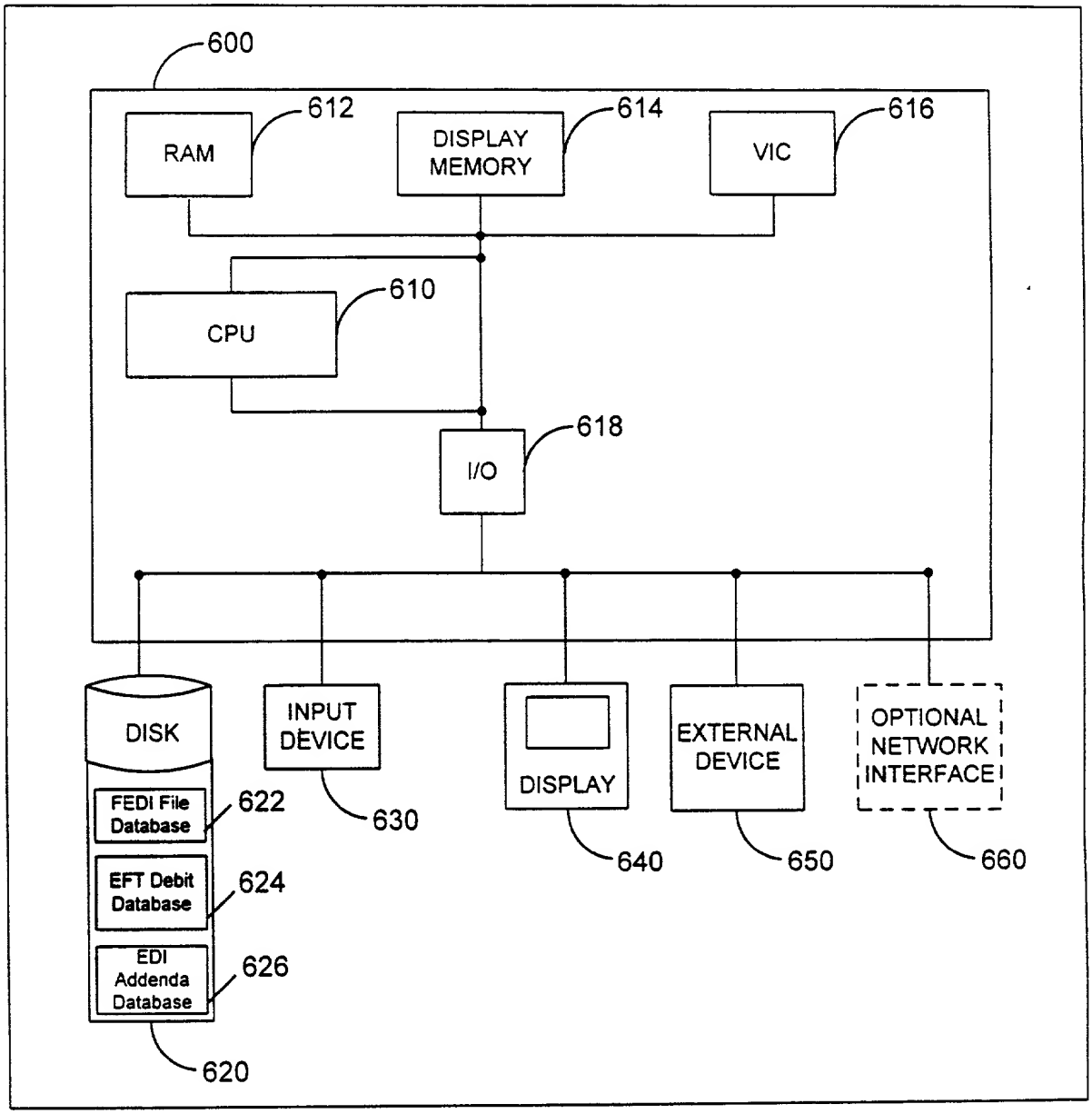

600
RAM
612
DISPLAY MEMORY
614
VIC
616
CPU
610
I/O
618
DISK
FEDI File Database
622
EFT Debit Database
624
EDI Addenda Database
626
620
INPUT DEVICE
630
DISPLAY
640
EXTERNAL DEVICE
650
OPTIONAL NETWORK INTERFACE
660

FIGURE 7

250

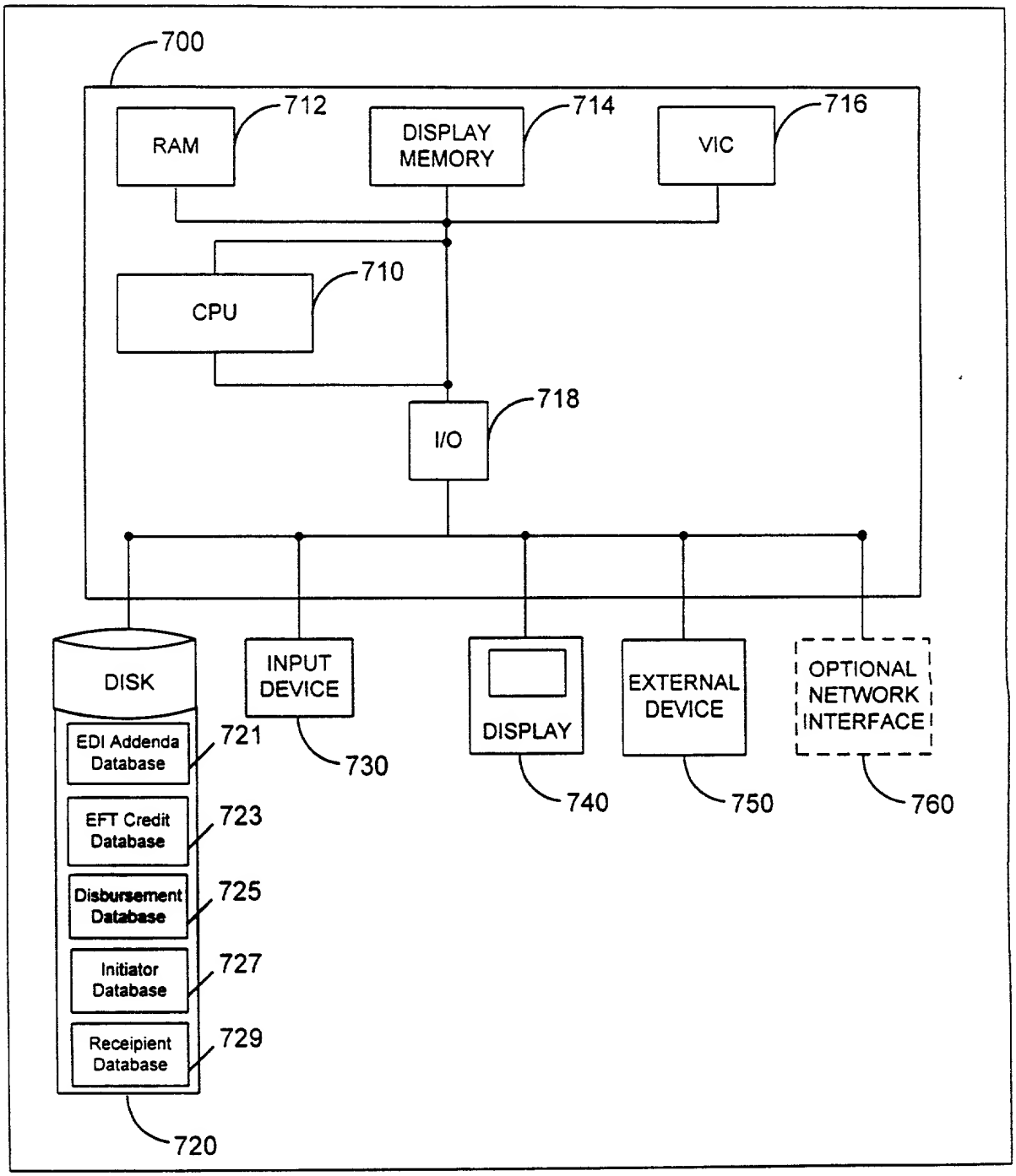

700
RAM
712
DISPLAY MEMORY
714
VIC
716
CPU
710
I/O
718
DISK
INPUT DEVICE
DISPLAY
EXTERNAL DEVICE
OPTIONAL NETWORK INTERFACE
EDI Addenda Database
721
EFT Credit Database
723
Disbursement Database
725
Initiator Database
727
Receipient Database
729
720
730
740
750
760

FIGURE 8A

FIELD	1	2	3	4	5	6	7	8	9	10	11
DATA ELEMENT NAME	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Identification Number	Receiving Company Name	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	O	M	M
Contents	'6'	Numeric	TTTTAAAA	Numeric	Alphanumeric	$$$$$$$$cd	Alphanumeric	Alphanumeric	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01-01	02-03	04-11	12-12	13-39	30-39	40-54	55-76	77-76	79-79	80-94

FIGURE 8B

FIELD	1	2	3	4	5	6	7	8	9	10	11	12	13
DATA ELEMENT NAME	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Total Amount	Identification Number	Number of Addenda Records	Receiving Company Name/ID Number	Reserved	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	R	N/A	O	M	M
Contents	'8'	Numeric	TTTTAAAA	Numeric	Alphanumeric	$$$$$$$$cd	Alphanumeric	Numeric	Alphanumeric	Blank	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	4	16	2	2	1	15
Position	01-01	02-03	04-11	12-12	13-39	30-39	40-54	55-58	59-74	75-76	77-78	79-79	80-94

EDI FOR THE 21ST CENTURY

FIGURE 9A

FIELD	1	2	3	4	5
DATA ELEMENT NAME	RECORD TYPE RECORDING	ADDENDA TYPE CODE	PAYMENT RELATED INFORMATION	ADDENDA SEQUENCE NUMBER	ENTRY DETAIL SEQUENCE NUMBER
Field Inclusion Requirement	M	M	O	M	M
Contents	'7'	'0 5'	Alphanumeric	Numeric	Numeric
Length	1	2	80	4	7
Position	01-01	02-03	04-83	84-87	88-94

TO2TOT" Th25/660

FIGURE 9B

Element	Comments	Content	Attributes		
			1	2	3
	Segment Identifier	DED	M	ID	3/3
DED01	Application Identifier	CS	M	ID	2/2
DED02	Case Identifier	XXXXXXXXX	M	AN	1/20
DED03	Pay Date	YYMMDD	M	DT	6/6
DED04	Payment Amount	$$$$$$$$CC	M	N2	1/10
DED05	Non-Custodial Parent Social Security Number	XXXXXXXXX	M	AN	9/9
DED06	Medical Support Indicator	'Y' - Yes, 'N' - No	M	AN	1/1
DED07	Non-Custodial Parent Name	XXXXXXXXXX	O	AN	1/10
DED08	FIPS Code	XXXXXXX	O	AN	5/7
DED09	Employment Termination Indicator	'Y' - Yes	O	AN	1/1

FIGURE 10

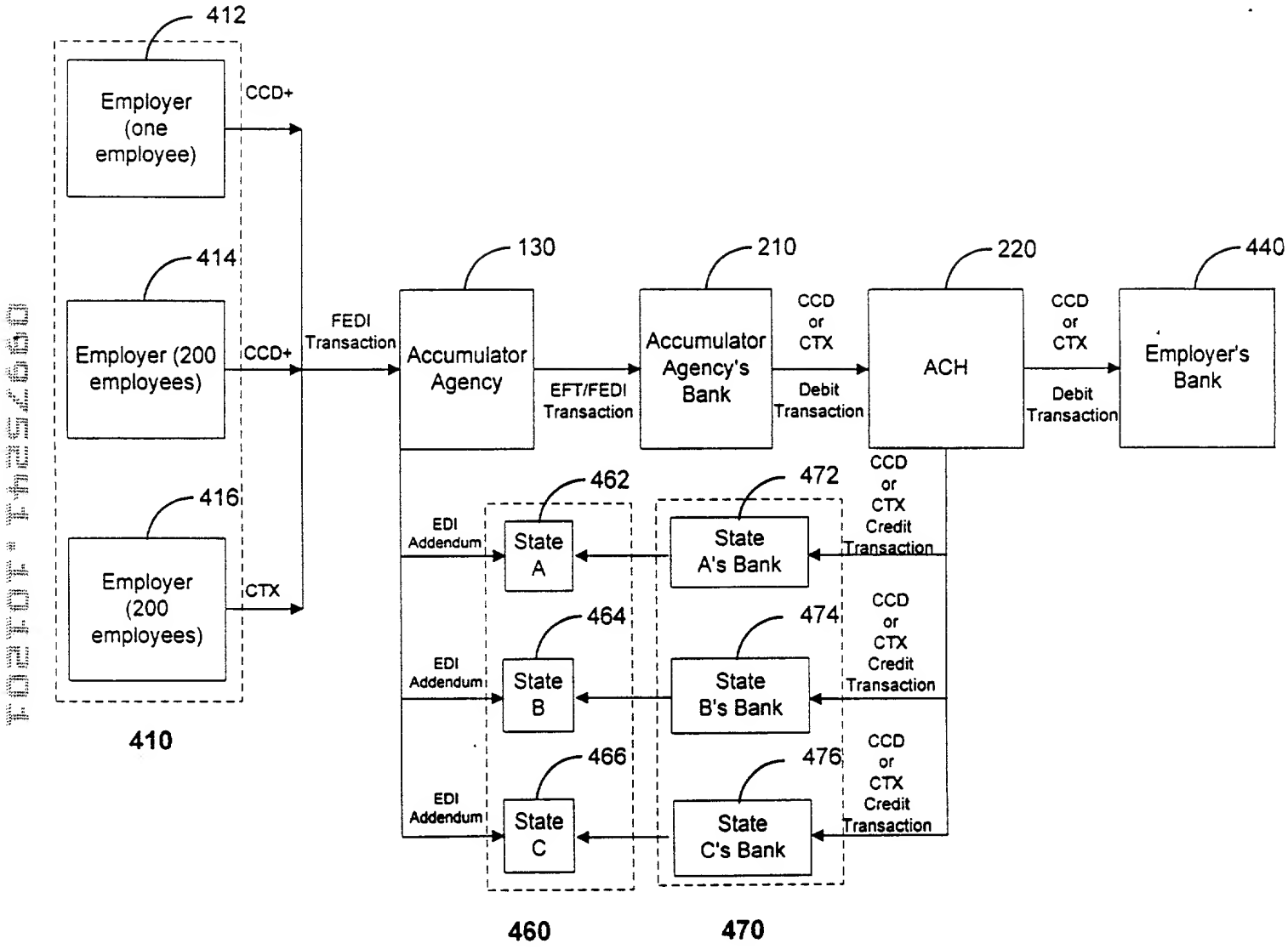

1000
412
Employer (one employee)
CCD+
414
Employer (200 employees)
CCD+
416
Employer (200 employees)
CTX
410
FEDI Transaction
130
Accumulator Agency
EFT/FEDI Transaction
210
Accumulator Agency's Bank
CCD or CTX
Debit Transaction
220
ACH
CCD or CTX
Debit Transaction
440
Employer's Bank
462
EDI Addendum
State A
464
EDI Addendum
State B
466
EDI Addendum
State C
460
472
State A's Bank
474
State B's Bank
476
State C's Bank
470
CCD or CTX Credit Transaction
CCD or CTX Credit Transaction
CCD or CTX Credit Transaction

FIGURE 11

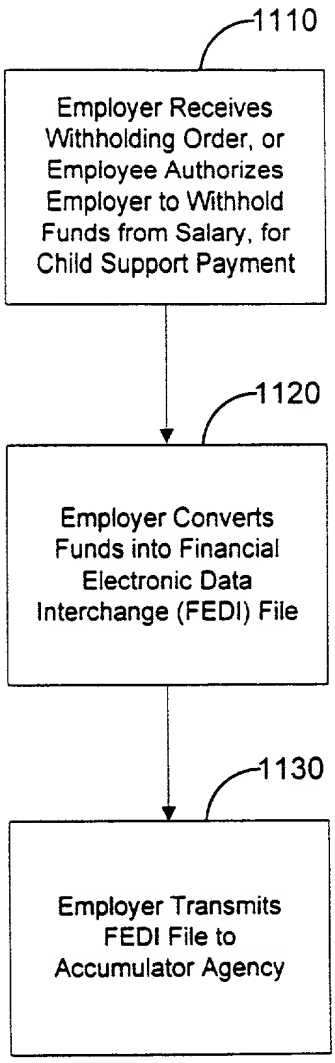

1110
Employer Receives Withholding Order, or Employee Authorizes Employer to Withhold Funds from Salary, for Child Support Payment
1120
Employer Converts Funds into Financial Electronic Data Interchange (FEDI) File
1130
Employer Transmits FEDI File to Accumulator Agency

FIGURE 12

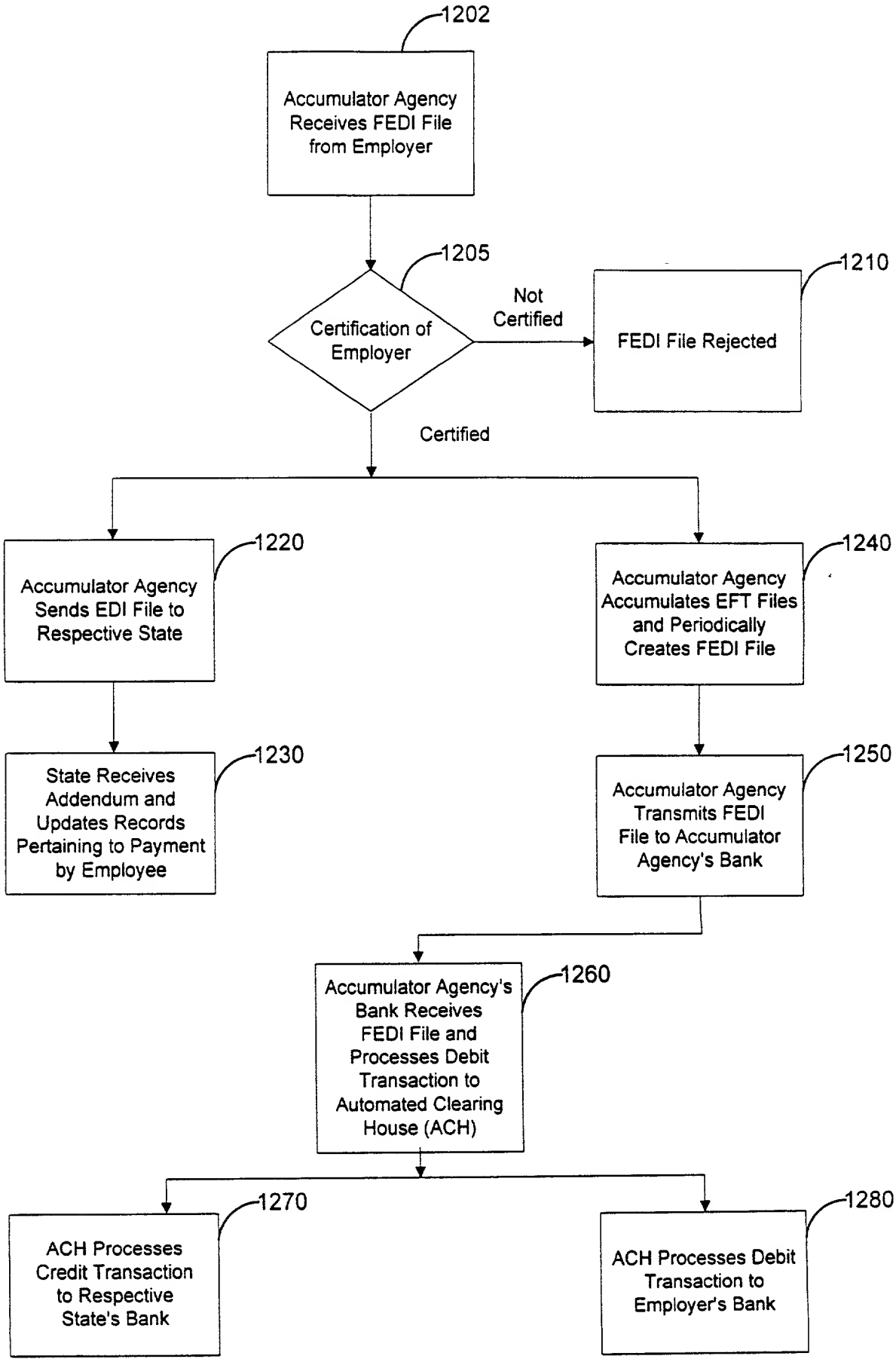

1202
Accumulator Agency Receives FEDI File from Employer
1205
Certification of Employer
Not Certified
1210
FEDI File Rejected
Certified
1220
Accumulator Agency Sends EDI File to Respective State
1240
Accumulator Agency Accumulates EFT Files and Periodically Creates FEDI File
1230
State Receives Addendum and Updates Records Pertaining to Payment by Employee
1250
Accumulator Agency Transmits FEDI File to Accumulator Agency's Bank
1260
Accumulator Agency's Bank Receives FEDI File and Processes Debit Transaction to Automated Clearing House (ACH)
1270
ACH Processes Credit Transaction to Respective State's Bank
1280
ACH Processes Debit Transaction to Employer's Bank

FIGURE 13

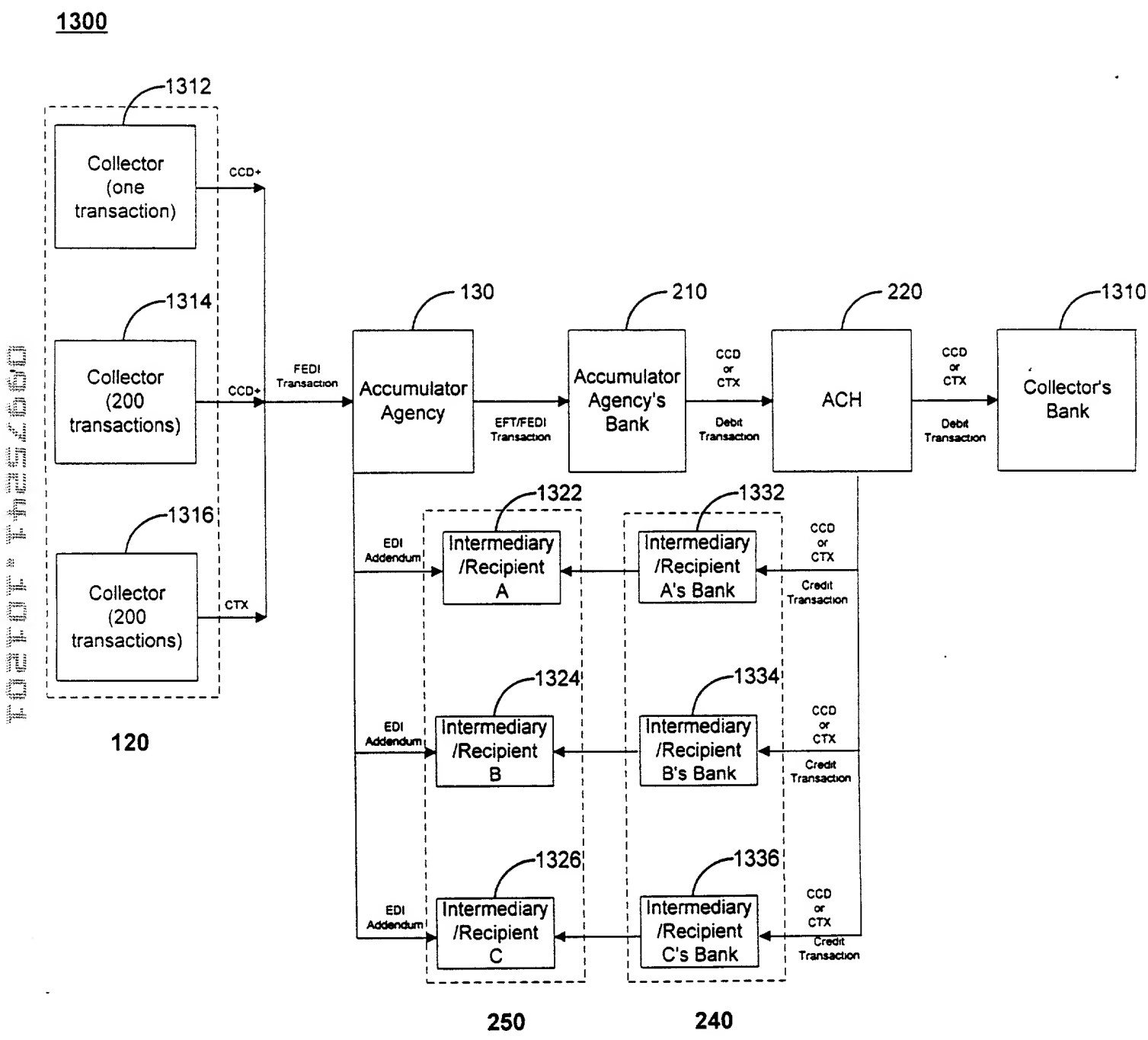

1300
1312
Collector (one transaction)
CCD+
1314
Collector (200 transactions)
CCD+
1316
Collector (200 transactions)
CTX
120
FEDI Transaction
130
Accumulator Agency
EFT/FEDI Transaction
210
Accumulator Agency's Bank
CCD or CTX
Debit Transaction
220
ACH
CCD or CTX
Debit Transaction
1310
Collector's Bank
1322
Intermediary /Recipient A
1324
Intermediary /Recipient B
1326
Intermediary /Recipient C
EDI Addendum
1332
Intermediary /Recipient A's Bank
1334
Intermediary /Recipient B's Bank
1336
Intermediary /Recipient C's Bank
CCD or CTX
Credit Transaction
250
240

FIGURE 14

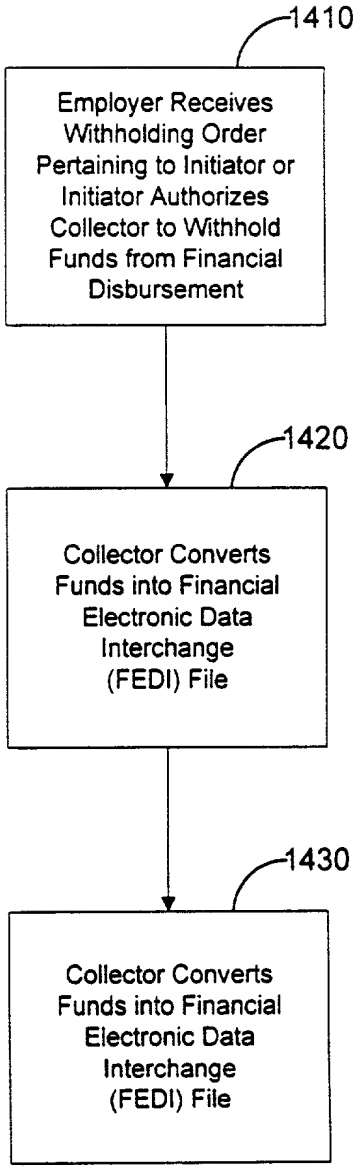

1410
Employer Receives Withholding Order Pertaining to Initiator or Initiator Authorizes Collector to Withhold Funds from Financial Disbursement
1420
Collector Converts Funds into Financial Electronic Data Interchange (FEDI) File
1430
Collector Converts Funds into Financial Electronic Data Interchange (FEDI) File

FIGURE 15

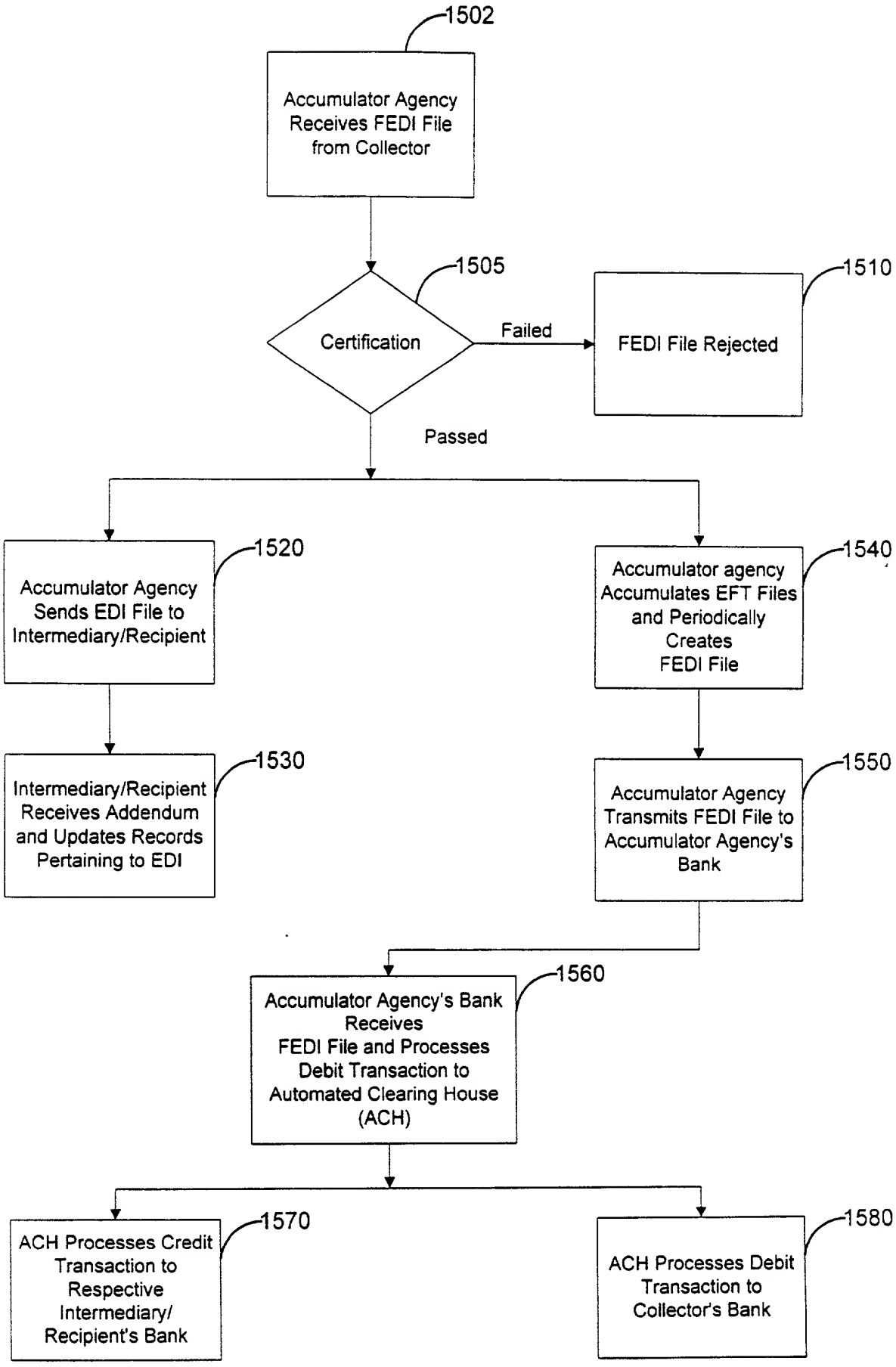

1502
Accumulator Agency Receives FEDI File from Collector
1505
Certification
Failed
1510
FEDI File Rejected
Passed
1520
Accumulator Agency Sends EDI File to Intermediary/Recipient
1540
Accumulator agency Accumulates EFT Files and Periodically Creates FEDI File
1530
Intermediary/Recipient Receives Addendum and Updates Records Pertaining to EDI
1550
Accumulator Agency Transmits FEDI File to Accumulator Agency's Bank
1560
Accumulator Agency's Bank Receives FEDI File and Processes Debit Transaction to Automated Clearing House (ACH)
1570
ACH Processes Credit Transaction to Respective Intermediary/ Recipient's Bank
1580
ACH Processes Debit Transaction to Collector's Bank

FIGURE 16

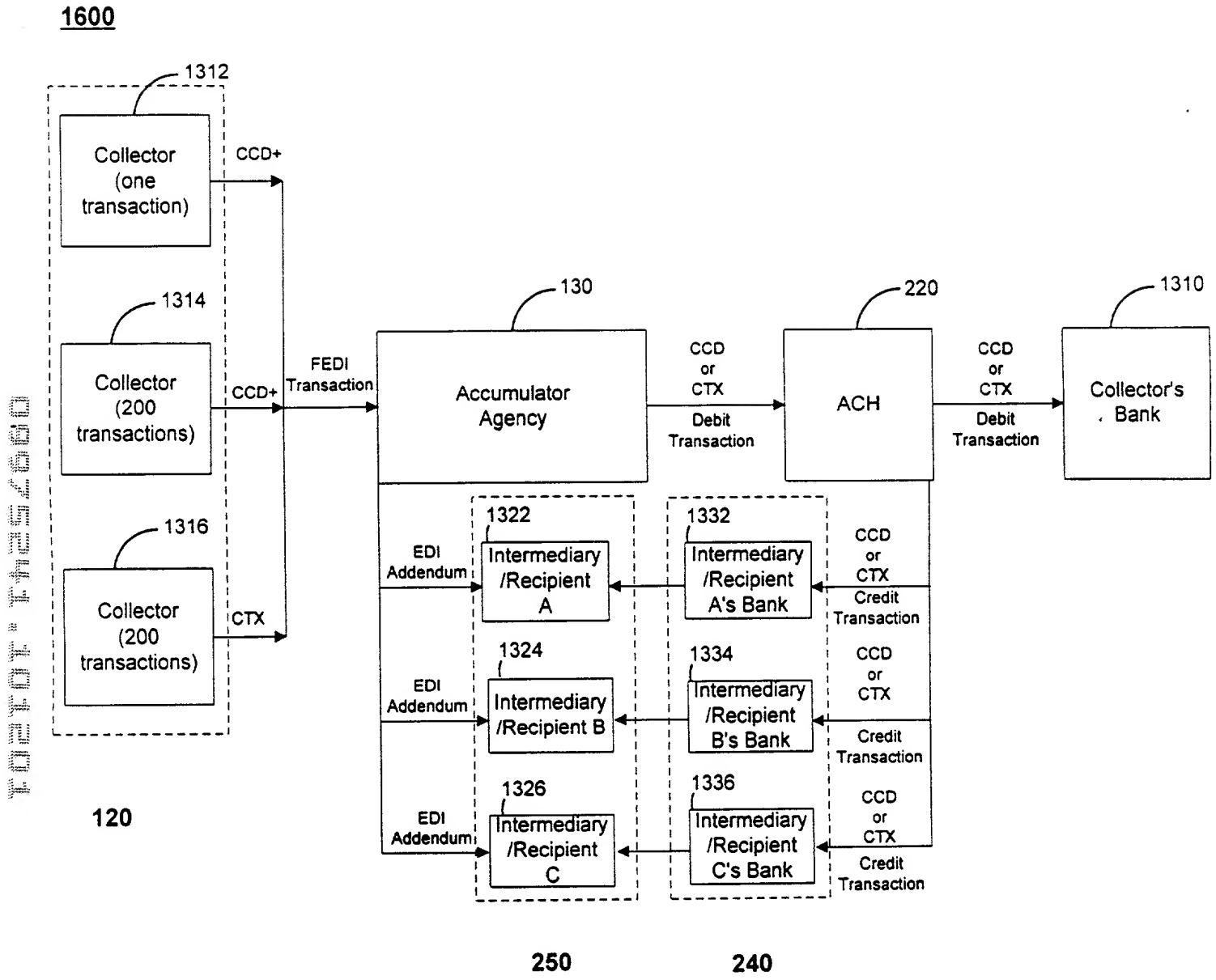

1600
1312
Collector (one transaction)
CCD+
1314
Collector (200 transactions)
CCD+
1316
Collector (200 transactions)
CTX
120
FEDI Transaction
130
Accumulator Agency
CCD or CTX Debit Transaction
220
ACH
CCD or CTX Debit Transaction
1310
Collector's Bank
1322
Intermediary /Recipient A
1324
Intermediary /Recipient B
1326
Intermediary /Recipient C
EDI Addendum
EDI Addendum
EDI Addendum
1332
Intermediary /Recipient A's Bank
1334
Intermediary /Recipient B's Bank
1336
Intermediary /Recipient C's Bank
CCD or CTX Credit Transaction
CCD or CTX Credit Transaction
CCD or CTX Credit Transaction
250
240

FIGURE 17

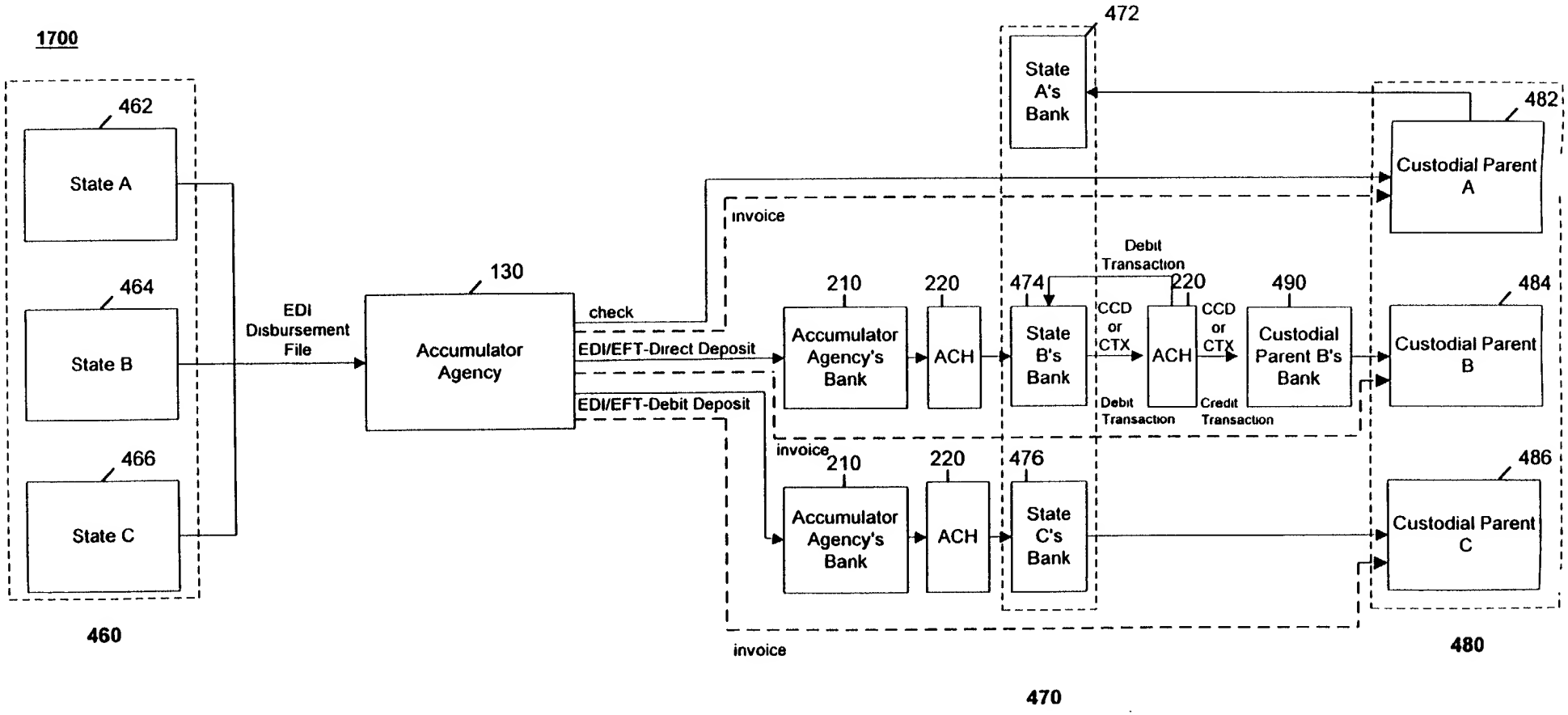
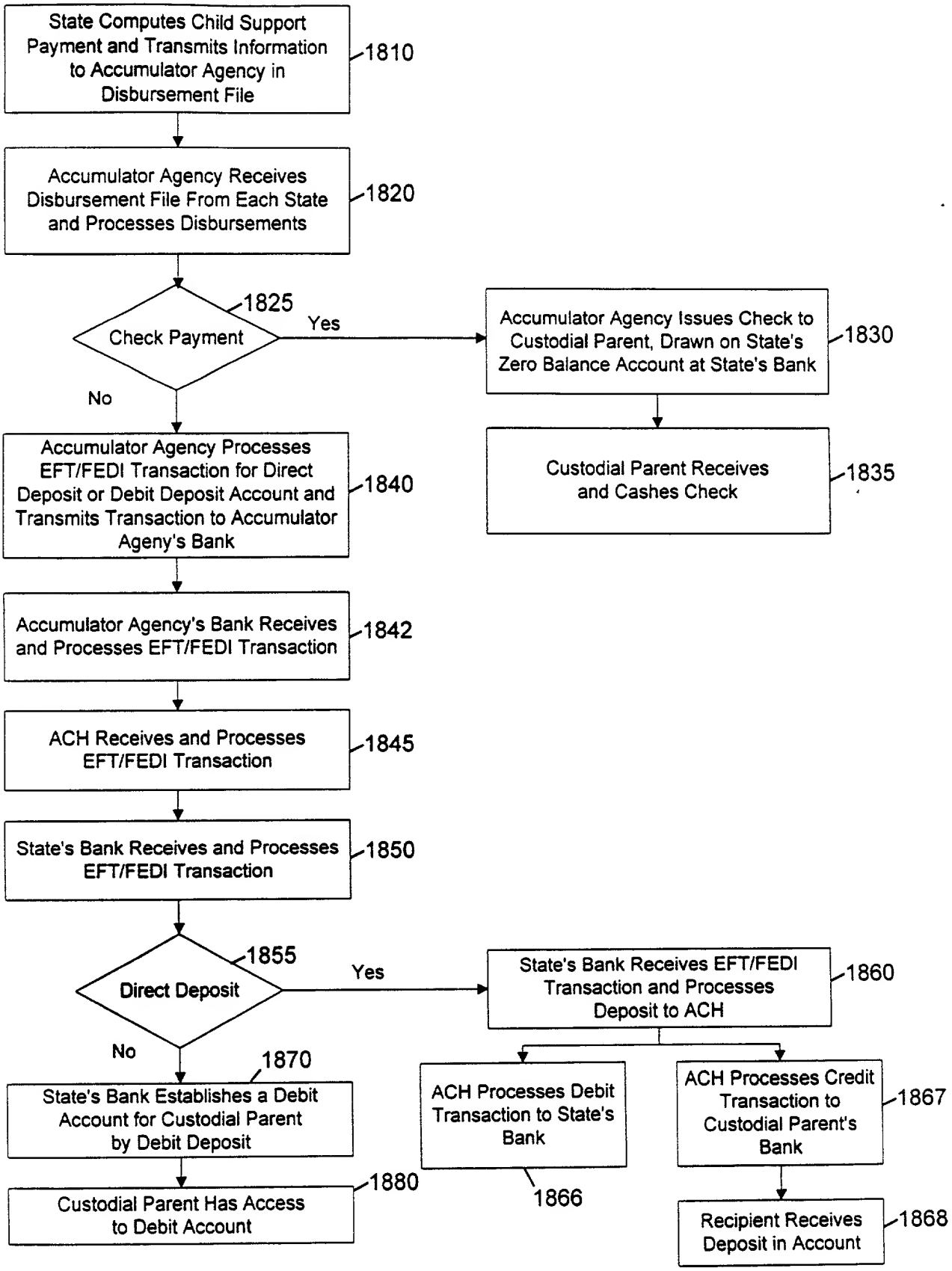

1700
462
State A
464
State B
466
State C
460
EDI Disbursement File
130
Accumulator Agency
check
EDI/EFT-Direct Deposit
EDI/EFT-Debit Deposit
invoice
invoice
invoice
210
220
Accumulator Agency's Bank
ACH
210
220
Accumulator Agency's Bank
ACH
472
State A's Bank
474
State B's Bank
476
State C's Bank
Debit Transaction
220
CCD or CTX
ACH
CCD or CTX
490
Custodial Parent B's Bank
Debit Transaction
Credit Transaction
482
Custodial Parent A
484
Custodial Parent B
486
Custodial Parent C
480
470

FIGURE 18


State Computes Child Support Payment and Transmits Information to Accumulator Agency in Disbursement File
1810
Accumulator Agency Receives Disbursement File From Each State and Processes Disbursements
1820
Check Payment
1825
Yes
No
Accumulator Agency Issues Check to Custodial Parent, Drawn on State's Zero Balance Account at State's Bank
1830
Custodial Parent Receives and Cashes Check
1835
Accumulator Agency Processes EFT/FEDI Transaction for Direct Deposit or Debit Deposit Account and Transmits Transaction to Accumulator Ageny's Bank
1840
Accumulator Agency's Bank Receives and Processes EFT/FEDI Transaction
1842
ACH Receives and Processes EFT/FEDI Transaction
1845
State's Bank Receives and Processes EFT/FEDI Transaction
1850
Direct Deposit
1855
Yes
No
State's Bank Receives EFT/FEDI Transaction and Processes Deposit to ACH
1860
ACH Processes Debit Transaction to State's Bank
1866
ACH Processes Credit Transaction to Custodial Parent's Bank
1867
Recipient Receives Deposit in Account
1868
State's Bank Establishes a Debit Account for Custodial Parent by Debit Deposit
1870
Custodial Parent Has Access to Debit Account
1880

T02T0T" Th25Z660

FIGURE 19

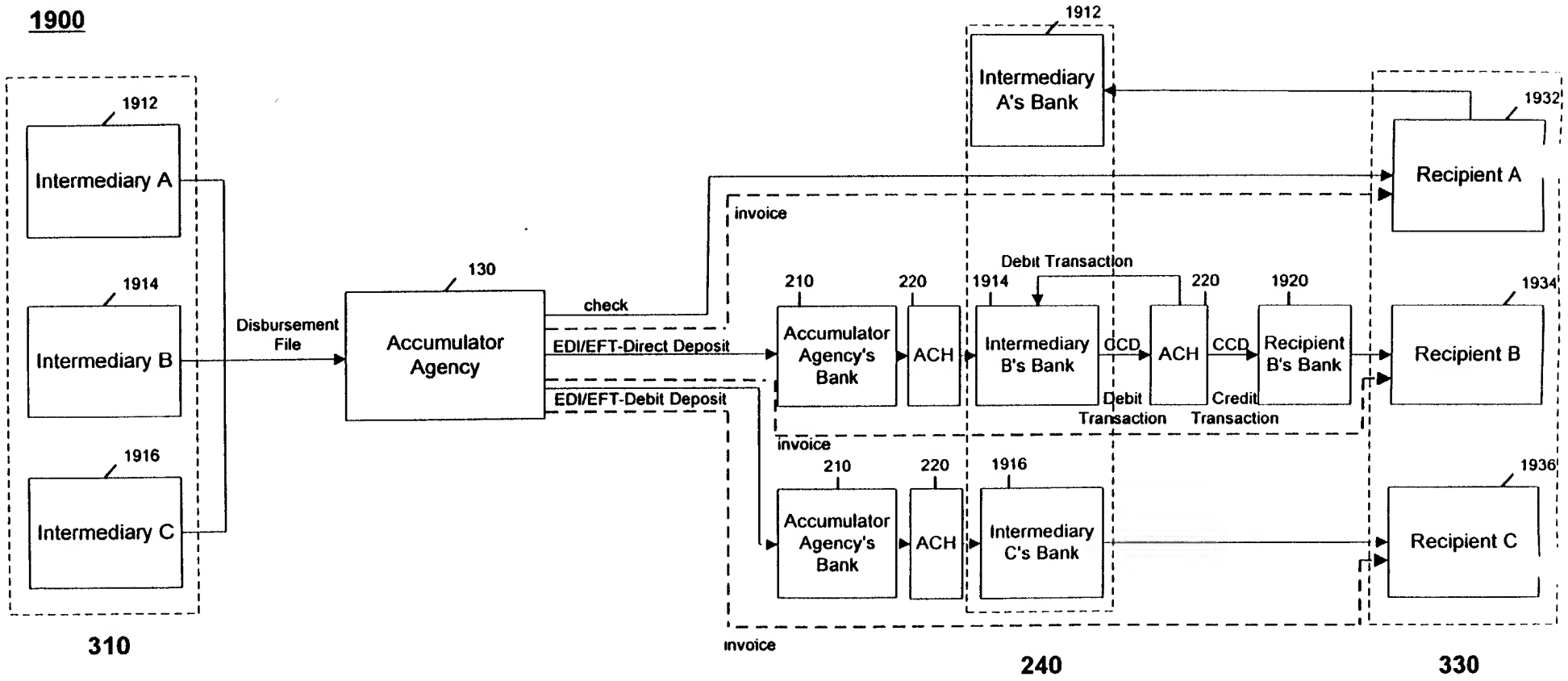
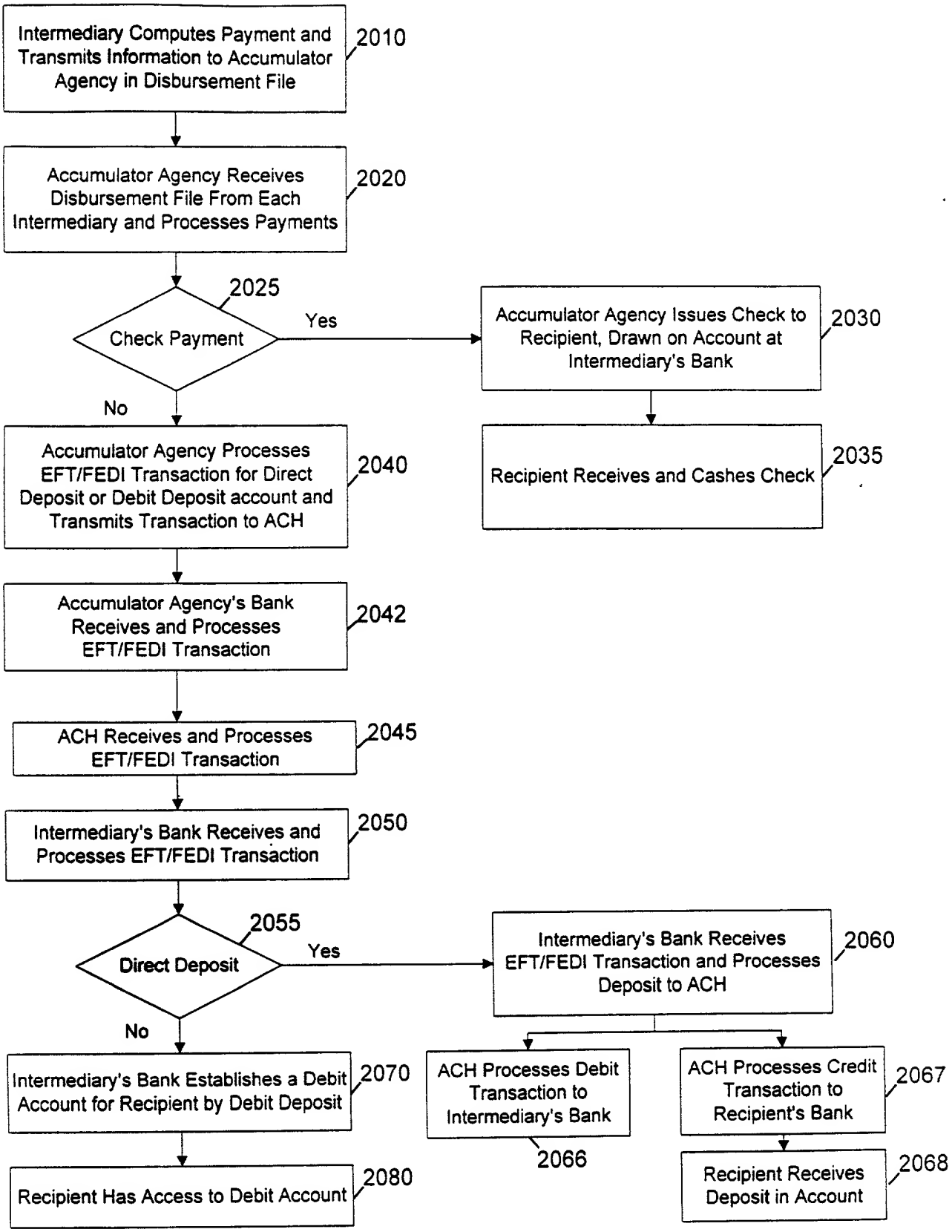


FIGURE 20


Intermediary Computes Payment and Transmits Information to Accumulator Agency in Disbursement File
2010
Accumulator Agency Receives Disbursement File From Each Intermediary and Processes Payments
2020
2025
Check Payment
Yes
Accumulator Agency Issues Check to Recipient, Drawn on Account at Intermediary's Bank
2030
No
Recipient Receives and Cashes Check
2035
Accumulator Agency Processes EFT/FEDI Transaction for Direct Deposit or Debit Deposit account and Transmits Transaction to ACH
2040
Accumulator Agency's Bank Receives and Processes EFT/FEDI Transaction
2042
ACH Receives and Processes EFT/FEDI Transaction
2045
Intermediary's Bank Receives and Processes EFT/FEDI Transaction
2050
2055
Direct Deposit
Yes
Intermediary's Bank Receives EFT/FEDI Transaction and Processes Deposit to ACH
2060
No
Intermediary's Bank Establishes a Debit Account for Recipient by Debit Deposit
2070
ACH Processes Debit Transaction to Intermediary's Bank
2066
ACH Processes Credit Transaction to Recipient's Bank
2067
Recipient Has Access to Debit Account
2080
Recipient Receives Deposit in Account
2068

T0210T" Th2S2660

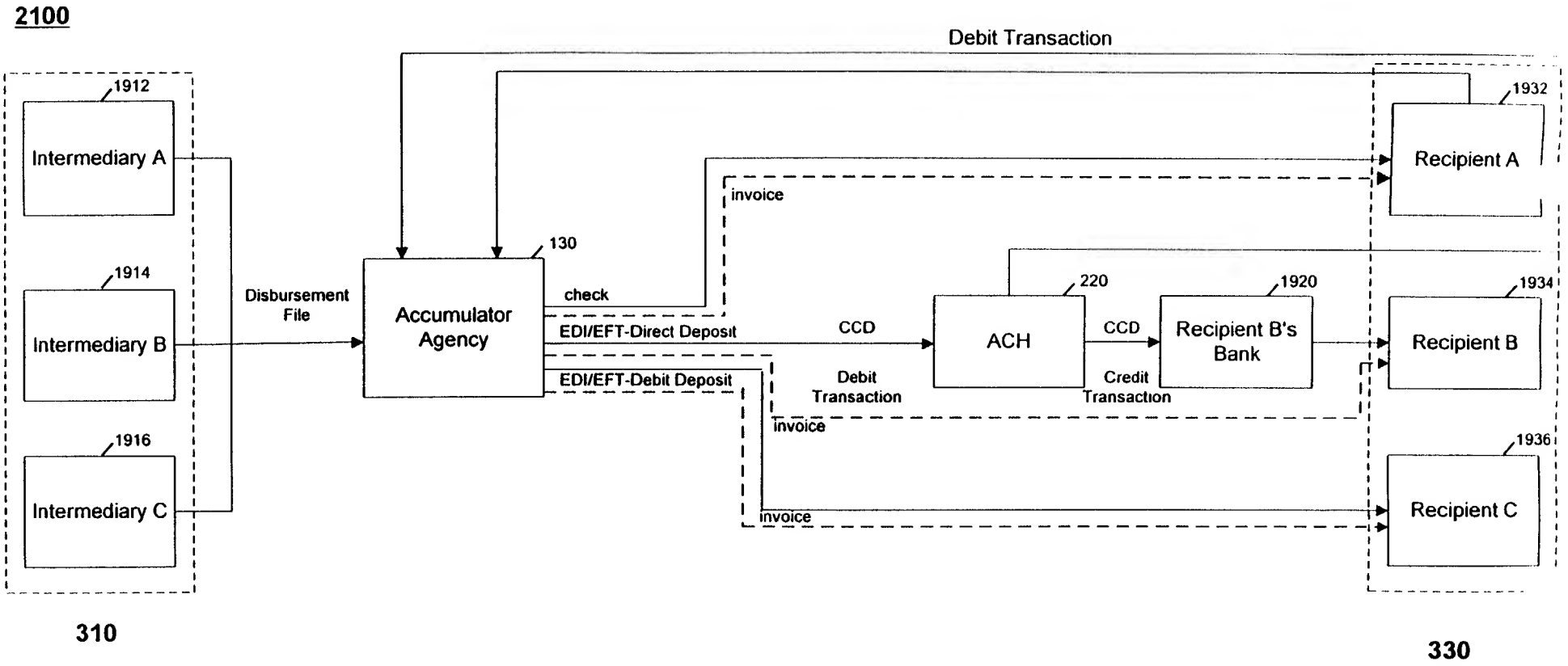



FIGURE 21